Macintosh Classic: Specifications (Discontinued 10/91)

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TOPIC ---

This article gives the specifications for the Macintosh Classic computer.

DISCUSSION --

CENTRAL PROCESSING UNIT (CPU)
- Microprocessor: 8 MHz MC68000 CPU
- Internal architecture: 32-bit

OPERATING SYSTEM
- Macintosh System Software 6.0.7 or later

MEMORY
- 1 or 2 MB RAM (Random Access Memory), up to 4 MB using Macintosh Classic 1MB
  Memory Expansion Card and 150ns, or faster, 32-pin SIMM
- 512K of ROM (Read-Only Memory)
- 256 bytes of parameter memory with built-in battery backup

KEYBOARD
- Apple Keyboard II (included with the Classic system)

MOUSE
- Apple Desktop Bus (ADB) Mouse, mechanical tracking, optical shaft or contact
  encoding 100 +- 10 pulses per inch (3.94 +- 0.39 pulse per mm) of travel

DISK DRIVE
- One 1.4 MB high-density (Apple SuperDrive) internal drive. (Optional
  external
  1.4 MB or 800K disk drive available)

The disk port on the Macintosh Classic supports the Apple 800K External
Drive but not the 400K drive.

HARD DISK DRIVE
- A 3.5-inch 40 MB drive is available. The disk port on the Macintosh
Classic supports the Apple HD20.

MONITOR
- Built-in 9-inch diagonal, 512 by 342-pixel high-resolution bit-mapped

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    monochrome display


INTERFACES
- One Apple Desktop Bus (ADB) connector for keyboard, mouse, and low-speed
  input devices
- Two RS-232/RS-422 serial ports, 230.4K baud maximum (up to 0.920 Mbit per
  second if clocked externally)
- SCSI interface
- External 3.5-inch disk interface
- Stereo sound port for external audio amplifier or headphones


SOUND GENERATION
- Four-voice sound with 8-bit digital-analog conversion using 22KH sample rate
  capable of driving stereo headphones or other stereo equipment through the
  sound jack


FAN
- 10 CFM axial, positive pressure cooling


CLOCK/CALENDAR
- CMOS custom chip with long-life lithium battery


ELECTRICAL REQUIREMENTS
- Line voltage: 120 volts AC, RMS automatically configured (U.S./Japan)
               240 volts AC, RMS automatically configured (International)
- Line frequency: 47 to 63 hertz single phase
- Power consumption: 100 watts maximum


ENVIRONMENTAL REQUIREMENTS
- Operating temperature:  50 to 104 degrees F (10 to 40 C)
- Storage temperature:  -40 to 116.6 degrees F
- Relative humidity:  5% to 95% (non-condensing)
- Altitude:  15,000 ft (4,772 m)


SAFETY AND EMI QUALIFICATIONS
- FCC part 15 Class B Computing Devices
- UL 1950 Information Technology Equipment
- CSA (Canadian Standards Assn.) 950 Information Technology Equipment


SIZE AND WEIGHT
-- Main Unit
 - Height: 13.2 inches (33.6 cm)
 - Width: 9.7 inches (24.6 cm)
 - Depth: 11.2 inches (28.5 cm)
 - Weight: 16 to 17.1 lbs. (7.3 to 7.8 kg) not including internal hard disk


-- Apple Keyboard II
 - Height: 1.3 inches (3.3 cm)
 - Width: 16.0 inches (40.5 cm)
 - Depth: 5.9 inches (15.1 cm)
 - Weight: 1.96 lbs. (0.89 kg)


-- Apple Mouse (ADB)
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- Height: 1.1 inches (2.8 cm)
- Width: 2.1 inches (5.3 cm)
- Depth: 3.8 inches (9.7 cm)
- Weight: 6 oz. (.17 kg)
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Article Change History

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